

**52132**

**From:** Prasad, Sarada  
**Sent:** Tuesday, October 02, 2001 12:33 PM  
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Sarada Prasad, Ph.D.  
Patent Examiner  
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RESULT 3  
 MUSAIC2A09/C  
 LOCUS MUSAIC2A09 160 bp DNA ROD 27-APR-1993  
 DEFINITION Mus musculus IL-3 receptor B-subunit (AIC2A) gene, exon 10.  
 ACCESSION M94144  
 VERSION M94144.1 GI:191815  
 KEYWORDS IL-3 receptor B-subunit.  
 SEGMENT 9 of 13  
 SOURCE Mus musculus (strain BALB/c, sub\_species domesticus) DNA.  
 ORGANISM Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.  
 REFERENCE 1 (bases 1 to 160)  
 AUTHORS Gorman,D.M., Itoh,N., Jenkins,N.A., Gilbert,D.A., Copeland,N.G. and  
 Miyajima,A.  
 TITLE Chromosomal localization and organization of the murine genes  
 encoding the beta subunits (AIC2A and AIC2B) of the interleukin 3,  
 granulocyte/macrophage colony-stimulating factor, and interleukin 5  
 receptors  
 JOURNAL J. Biol. Chem. 267, 15842-15848 (1992)  
 MEDLINE 92348451  
 FEATURES Location/Qualifiers  
 source 1..160  
 /organism="Mus musculus"  
 /strain="BALB/c"  
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 /db\_xref="taxon:10090"  
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 /gene="AIC2A"  
 /number=10  
 BASE COUNT 43 a 42 c 50 g 25 t  
 ORIGIN

Query Match 92.0%; Score 13.8; DB 94; Length 160;

Best Local Similarity 80.0%; Pred. No. 7.9e+02;  
 Matches 12; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RCTCCAYTCRCTCCA 15  
 :|||||:||:|||||  
 Db 132 GCTCCACTCGCTCCA 118

*] Seq. comparison B.*

